

Safe Workers Of Y-12 See Jobs Through Proper Eye Protection

Revised Pension Plan Increases Many Benefits

Salaried Y-12ers And Guards Share In New Provisions Offered

Salaried employees and guards at the Y-12 Plant who retire this year will be eligible to receive a pension benefit from the Company's non-contributor Pension Plan if they have completed 10 years of company service credit and are 65 years of age.

This is only one of the increased benefits available from the revisions made in the Pension Plan on January 1, 1957, for employees in these groups.

Required Service Shortened

Under the previous provisions of the Plan, at least 15 years of Company Service Credit was required to qualify for a pension benefit and 25 years Company Service was required to receive a full pension benefit. This new provision will give a full pension benefit to any eligible salaried employee or guard who has 10 years or more of company service, and who retires after January 1, 1957.

Another important revision in the Pension Plan provides that benefits received under the Social Security Act will no longer be subtracted in calculating the pension benefit to determine the amount of money each retired employee receives from the Pension Plan.

When the Pension Plan originated in September, 1950, the entire primary social security benefit was included in the pension benefit calculations.

Social Security Not Subtracted

When the Social Security Act was changed in September, 1954, making higher social security benefits available to retired people, the Pension Plan was revised again in order that the increase in social security benefits would not be subtracted from any pension benefit under the plan.

The current revision of the Pension Plan means that each eligible employee who retires will receive both his entire pension benefit and his entire social security benefit.

Another revision in the Pension Plan will give each eligible employee a "vested right" in a pension which is payable to him upon written request to the Company at or after he reaches 65 years of age. A "vested right" means that under certain conditions an employee will be eligible for a pension at age 65 although he may

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THESE Y-12 PLANT AREA SHOP AND LABORATORY employees are shown wearing the proper eye protective equipment prescribed for their particular jobs. At left above the operator of a metal lathe is wearing contour safety spectacles with sideshield for protection against trimmings and chips from aluminum being machined. At upper right a laboratory employee is wearing a chemical rubber acid goggle over safety glasses. The lower left picture shows another shop employee wearing a full face

shield, also over safety glasses, while operating a masonry saw made of carborundum, an operation that produces many flying sparks and particles as a hazard to eyes. At right below a laboratory worker using an open flame in treatment of metal is wearing a mono-cover goggle over safety glasses. In the center—well, if any of the four safe-working Y-12ers failed to wear their eye protective equipment, that is what they might "see." More pictures on Page Four.

Correct Glasses And Goggles Can Prevent 'Blind Man's View'

Equipment Provided To Shield Eyesight

What, Mr. Safe Worker of Y-12, is your most precious sense of perception or sensation — sight, hearing, smell, taste or touch? There cannot be more than one answer—it is your eyesight.

It can be protected—but once lost, it can't be regained.

Union Carbide Nuclear Company provides all employees in the Y-12 Plant Area with protective equipment against every foreseen hazard to the safety of their eyesight. Safety glasses, goggles and shields of various types are provided—and required—on various types of work where possible hazards to eyesight exist. In some work assignments more than one of the protective glasses or shields are prescribed for full protection of that most precious of senses—the eyesight.

Equipment For Every Job

There is protective eye equipment designed and assigned for every type of job. For chemical work there is the rubber acid goggle as well as a softside chemi-

cal goggle for use with or without safety glasses. Face shields provide additional protection on many jobs and are used in addition to safety glasses. Mono-cover goggles also are provided for wearing over safety glasses for other non-chemical use. Basically, there is the contour safety spectacle with or without side shields for most routine work with possible eye hazards.

The safety glasses also can be obtained on prescription to fit individual requirements and any employee wishing such prescription glasses may get full information on how to procure them from Supervision.

In addition to the types of glasses and goggles previously described, welders and other employees requiring special types of eye protective equipment are provided it.

No Y-12er Totally Blinded

During its many years of operation the Y-12 Plant has never had an employee totally blinded in a plant accident—but there have been some "near misses" that could have resulted in a lifetime of total darkness for the victim.

However, at least two persons have lost the sight of one eye and others have suffered some loss of vision because they did not use proper eye protection.

In the vast majority of the accidents where employees have suffered eye injuries, wearing of protective equipment has saved them from much more serious hurts than actually received.

However, there have been other cases—isolated but still regrettable—where wearing of inadequate protection has resulted in injuries to eyes that could have brought blindness.

Fortunately—and not through just plain luck but through proper and adequate use of eye protection under instructions of Supervision—there have been many Y-12ers whose sight has been preserved without impairment despite being involved in accidents in which their safety glasses or other protective equipment have been badly damaged by flying particles of solid or molten metal, spraying chemicals or other objects. Needless to say, these Y-12ers are thoroughly "sold" on the value of their safety glasses.

Plant Eye Injuries Percentage Is High

This discussion of proper use of eye protective equipment is not intended as a preachment—or the spreading of slogans on the subject. It is just aimed at trying to point out the vital importance of utilizing the proper equipment to avoid the painful and costly results of eye injuries that could be prevented. Eye injuries frequently leave disfigurement and there can be no adequate description of the dreadful permanency and handicaps of total blindness.

Stop And Think It Over

Just stop and think a minute or so about that—Mr. Safe Worker of Y-12.

Blindness—the inability to see the faces and forms of loved ones. There is no daylight or moonlight or starlight. There is only perpetual darkness through which one gropes and staggers. Of course, there are many things a blind person can do through training—but there is one thing they can't do—they cannot see. Just think

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SAFETY SCOREBOARD

The Y-12 Plant Has Operated
36 Days Or
1,133,817 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through February 17
Phone 7755
For Daily Report
On Accident-Free Hours

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
A Division Of
Union Carbide And Carbon
Corporation

GEORGE W. DOBBS . . . Editor

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Post Office Box Y
Oak Ridge, Tenn.
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Miss Ann Tippy

Miss Ann Tippy, Daughter Of Y-12er, Voted DAR Award

Through her outstanding scholastic and activities record at Oak Ridge High School, a daughter of a Y-12er has been voted by classmates and faculty to receive the coveted Daughters of the American Revolution Good Citizenship Award for the year. She is Ann Tippy, 17, an ORHS senior and the daughter of R. R. Tippy, of the Y-12 Manufacturing Office Division.

The Clinch Bend Chapter of the DAR of Oak Ridge makes the Good Citizenship Award annually. The chapter will honor Miss Tippy in the near future with presentation of a pin signifying the award voted her. The voting for the Good Citizenship Award is by fellow students on the basis of honor, courage, leadership and patriotism with the choice to be ratified by the high school faculty.

According to Mrs. Margaret Barnes, senior guidance counselor of the high school, Miss Tippy is one of the outstanding pupils in the school. She is vice president of the student council and in that capacity presides at meetings of the assembly every two weeks. In this assignment she alternates with the president of the council in the two sessions of the assembly held to allow participation of all students.

Miss Tippy is also a member of the National Honor Society, requiring a high scholastic standard; and also of the Masquers, a dramatic organization at the school. Last year she was selected as a delegate to the Tennessee Girls State, sponsored by the Women's Auxiliary of the American Legion.

After graduation this spring, Miss Tippy plans to attend either the University of Tennessee or the George Peabody College in Nashville, probably majoring in teaching of dramatics.



With the weather back to about normal—there isn't anything to grumble or grouse about—so here goes right into discussion of who did what, when and where around the premises recently.

TECHNICAL

The Mechanical Engineering Department sent Pat Howard off on the Road to Maternity last Friday with the best of wishes—she was The Bulletin reporter down there and a good one. . . You folks jump in and help Byron North, the new cub on the job, dig up the news in the future. . . Barbara Roberts was given the red welcome carpet treatment last week as a newcomer to the department. . . Calvin de Vaney is back to work after a week in bed as a result of a strained leg nerve.

Special Projects extended a warm welcome last week to Marie Grangreorio, recently transferred to the group.

Production Analysis sends get well wishes to Lucian Peters, ill in Oak Ridge Hospital. . . Elizabeth Johnson is entertaining her mother for some time.

Laboratory Operations is happy to welcome Mrs. Dinsmore back after an illness of several days.

Dick Bell, Production Assay, is the latest member of the New Father's Club by becoming the male parent of a fine boy named Thomas Charles. . . D Shifters extend get well wishes to the father of Ozell Wilson, who is in St. Mary's Hospital, Knoxville.

Another Proud Pop from Bldg. 9995 is W. T. McBryde, Special Testing, who recently welcomed a big, bouncing baby boy to the family. . . A speedy recovery is wished Helen Stepp, who is sadly missed.

The Big Bird That Brings The Babies—Old Man Stork himself—left the finest Valentine Day gift for Orville Arnett, Analytical Development, a fine five-pound, 10-ounce boy. He was named David Randal.

MECHANICAL OPERATIONS

The General Machine Shop has only sad news of its folks this week. . . Condolence are extended C. F. Blaha, whose sister, Mrs. Frank J. Hanzlik, of Petersburg, Va., died February 8. . . The Y-12er attended funeral services there. . . L. C. Love is extended sympathy on the death of his mother, Mrs. Hazel Haley, who died February 8 at Litchfield, Ill. . . Love went to the funeral services there. . . Get well wishes go to a host of ailing Shoppers—including J. E. Livingston, R. B. Carter, Sam Gallion, T. K. Bishop, F. E. Crowder, J. W. Dowell, G. A. Pittman and C. E. Forester.

H. D. Keyton, F Mechanical Operations, whose avocation is mayoring down around Midway, is reported to have appointed H. Mitchell to the sewing cabinet of the community. . . L. D. Best has been advertising for riders from Sweetwater and promises them rides in his shiny new sedan. . . Neal White tells of putting a new foundation under his house while vacationing in Knoxville. . . Get well wishes to Harold Babb and also to the sister of C. B. Wilson, seriously injured when hit by an automobile in Harriman several days ago. . . Sympathy is extended M. M. Dickens, whose grandfather, J. D. Dickens, died recently in Rocky Mount, N. C.

D Mechanical Operations sends rapid recovery wishes to D. E. Plemons, J. H. Douglas, J. F. Trent and L. H. Smith.

B Mechanical Operations is heartily congratulating R. L. Robertson, who became the Proud Pop of a new daughter born last week. . . J. W. Cooke was basking in the sun at Gulfport, Miss., last week. . . B. J. Hill was catching up with work at home while vacationing at the same time. . . L. W. Moneymaker is welcomed back

after being off sick for some time. . . Get well wishes are sent D. H. Jenkins, ailing last week.

FINANCE AND MATERIALS

Betty Heath, Cashier and Travel Office, recuperating at home from a serious illness, sends her heartfelt thanks to the many expressions of kindness sent to her by fellow Y-12ers.

SS Control sends rapid recovery wishes to Charley Gillinan, who underwent an emergency appendectomy Friday at Oak Ridge Hospital—he was reported resting easy over the week end.

INDUSTRIAL RELATIONS

The fire laddies of Fire Prevention and Control rolled out the welcome hose—pardon us, MAT—for A. G. Hardwick last week.

SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

Finley Creigh, the Boss of B Shift, is a power-full guy these days—just acquired a two-tone gray road burner-upper with all of its gadgets operating automatically, including the hot and cold running doorknobs—lazy guy. . . O. M. Blackwell, A Shift Superintendent, is vacationing at an unknown hideaway.

J. W. Rankin, General Utilities, planned to do his vacationing over around Nashville. . . S. B. McSpadden eyed the countryside around Tellico Plains for his days off. . . Get well wishes are sent Y. C. Yarber, who has been on the sick list for several days.

The Steam Plant sends get well wishes to the father of W. M. Simpson.

MAINTENANCE

Maintenance Planning sends get well wishes to Howard L. Horne and F. W. Gallagher, both in Oak Ridge Hospital with ailments. . . W. K. Russell went vacationing at an unknown destination.

W. B. Eisenhower and his missus, Building and Grounds, are taking a couple of weeks off to visit their daughter and her husband, Mr. and Mrs. Sebastian Cabrera, III, in sunny Key West, Fla.

The Colyum's favorite epigramist contributes this one—most appropriate for the occasion of signing off.

"Nothing is really work unless you would rather be doing something else."
S'long.

National Engineers' Week Marked By Dinner Tonight

A number of Y-12 members of various engineering professional groups are expected to attend a dinner meeting at 7 o'clock tonight at the Student Center of the University of Tennessee in Knoxville in observance of National Engineers' Week. National Engineers' Week is observed during the week of George Washington's birthday in honor of the first president of the United States, himself an engineer.

Dr. Donald H. Loughridge, head of the nuclear power engineering department of the General Motors Corporation, will be the speaker at the meeting tonight. National Engineers' Week is sponsored by the National Society of Professional Engineers and the theme for the year is "Engineering—America's Greatest Resource."

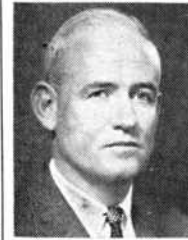
10 Years Service

Congratulations to John A. Kinane, Development Operations, who will complete 10 years of Company Service on February 21.

Former Ridger Named UCNC Research Head

Dr. F. W. Hurd Veteran
Of Atomic Energy Field

A veteran of atomic energy activities of Union Carbide and Carbon Corporation since 1943 when he became connected with the Manhattan District, Dr. Frank W. Hurd has been appointed Director of Research of Union Carbide Nuclear Company, it has been announced by Lyman A. Bliss, President of UCNC, a Division of Union Carbide.



Dr. F. W. Hurd joined the Manhattan District project in 1943 as a senior research scientist at Columbia University. In 1944 he came to Oak Ridge and in 1949 he became Superintendent of the K-25 Plant Laboratory.

He was transferred to Niagara Falls, N. Y., in 1954 to become Group Manager of the Metals Research Laboratories, later moving to New York to work on a special project for the Research Administration of Union Carbide and Carbon Corporation. In 1955 he was named Superintendent of Research and Development, Applications Department, for Union Carbide Nuclear Company.

Born in Pleasantville, Iowa, he received a Bachelor of Arts degree from Drake University in 1931, a B.S. degree from Iowa State University in 1933 and his Ph. D. degree from the University of Minnesota in 1939. He is the author of several classified articles on the subject of atomic energy.

Rides Wanted, Offered

Ride wanted or will join car pool from Grove Center, Oak Ridge, to Biology (North) Portal, straight day. J. H. Rowan, plant phone 7689, home phone 5-9575, Oak Ridge.

Ride wanted from Lenoir City via Eaton's Crossroad, to North Portal, straight day. James H. Keys, plant phone 7689. Home address Rt. 1. Lenoir City.

Ride wanted or will join car pool from vicinity of Garden Ave., Fountain City, to East Portal, straight day. W. H. Hatfield, plant phone 7366, home phone 6-3075, Knoxville.

Riders wanted or will join car pool from Rockwood to Central or North Portal, straight day. L. L. Fairchild, plant phone 7488.

Ride wanted or will join car pool from Fountain City to East Portal, straight day. E. D. Seagle, plant phone 7-8391, home phone 6-6515, Knoxville.

Ride wanted from Batavia Hall, Oak Ridge, to North or Central Portal, straight day. Phyllis Davis, plant phone 7-8261.

Riders wanted from Sevierville or Knoxville to North or East Portal, straight day. H. H. Reno, plant phone 7951, home phone 3775, Sevierville, collect.

Riders wanted from Inskip, Norwood or Knoxville-Clinton Highway section to North Portal, straight day. F. E. Shipley, Jr., plant phone 7993, home phone 6-0530, Knoxville.

D Shift Schedules Bingo Party Tonight At Terrace

A large attendance of Y-12ers on the D Shift and other Y-12 guests is expected at the first bingo party of the current winter season set for 8 o'clock tonight, Wednesday, February 20. The party, sponsored by the D Shift, will be at the Oak Terrace and prizes will be awarded winners.



Get well wishes are sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Harold W. Babb, F Mechanical Operations; Jeannette McCowan, Product Processing; Robert W. Jenkins, C. W. Mason and Claude H. Close, Research Services; James R. Chambers, Medical; T. S. Arnold, Colex Operations; Grady L. O'Kain, Paul E. Shepard and Carl Oody, Buildings and Grounds; Joseph L. Waddell, B Mechanical Operations; Roscoe B. Cates, General Machine Shop; R. E. Pope, Chemical; Holland P. Dake, A Mechanical Operations; Roy E. Lanter, Beecher Cox and John S. Orr, Electrical Maintenance; W. L. Coggins, Salvage; Frank W. Gallagher and Howard L. Horne, Maintenance Planning; John W. Wachter, Criticality Control; H. C. McBirney, Mechanical Operations Division; Charles Gillihan, SS Control.

Condolences Extended Kin Of Former Guard Floyd Lay

Funeral services were held last Thursday afternoon at London, Ky., for Floyd F. Lay, 39, former member of the Y-12 Guard Department, who died the previous Tuesday, February 12, at his Oak Ridge home. The Y-12 guard was taken ill while at work Monday morning, February 11, and removed to his home, 409 Jefferson Ave. Although not believed seriously ill, he died unexpectedly the next morning. Death was attributed to a heart ailment.

Lay had made many friends and was well known throughout the plant during his nearly 13 years of employment. He came to work on April 13, 1944. He was born in Campbell County, Tenn., April 11, 1917.

Members of the Guard Department and his other Y-12 friends extend condolences to survivors, who include his widow, Mrs. Eileen Lay; four sons, George William, Bobby Joe, James Claude and Floyd, Jr.; father, Quince Lay; a sister and two brothers.

Community Playhouse Sets Play Reading Sunday Night

An air of mystery surrounds a reading of a play for many voices to be presented by the Oak Ridge Community Playhouse at 8:15 p.m. Sunday, February 24, at the Playhouse headquarters on Roberts-ville Road. The title and author of the play is not given but the action transpires in a Welsh fishing village. The play is not long on plot but abounds with comedy and the production is free to members with a small admission fee for non-members.

Barbara Lyon is in charge of the production and the cast includes Fred Johnson, Doris Johnson, Margaret Thompson, Bob Vandergriff, Joan Ellen Zucker, Paul Ebert, Bob Block, Jack Goodwin and the Rev. Mountrie McIntosh, rector of St. Stephens Episcopal Church, Oak Ridge.

Y-12 Personnel Are Invited To Attend Physics Seminar

Y-12 scientific and technical personnel are invited to attend the weekly meeting of the Oak Ridge Physics Seminar at 3:15 o'clock Friday afternoon of this week, February 22. The meeting will be in the auditorium of Bldg. 4500, Oak Ridge National Laboratory and the speaker will be J. L. Fowler, of the ORNL Physics Division. His topic will be "Nuclear Potentials for Light Elements from Differential Neutron Scatterings."

WIZARDS WIN SECOND HALF BASKETBALL TITLE

Wildcats, Bombers Meet In First Half Playoff Thursday

League Championship Game Date Is Expected To Be Set This Week

The Wizards waltzed to a pair of convincing victories last week in the Y-12 Plant Basketball League to clinch the second half of the season championship. They doubled the score on the Cubs by the score of 70 to 35 and then walloped the B Bombers, one of the loop's better teams, by 56 to 39 to wind up the second round of play without a loss.

Winners To Play Wizards

That long awaited playoff game for the first half of the season title between the B Bombers and the Wildcats finally has been set for tomorrow night, Thursday, February 21. The clash is set for 7 o'clock at the Robertsville Junior High School gymnasium and the winner, of course, will meet the Wizards for the league seasonal crown.

Because of work schedules the championship game date had not been set last Friday, but is expected to be arranged some time this week. This engagement should result in quite a fan turnout as the three contending teams all have been playing good basketball throughout the season.

Wizards Overtake Cubs

The Wizards' triumph over the Cubs opened a sizzling final week of league play and saw Lew Fitzgerald tally 26 points for the winners and Coleman dunking 16 through the nets. Lawley with 17 was high for the Cubs. The Cubs jumped to a 13-10 lead in the first quarters but the Wizards soon caught up and won going away.

The Wizards also started slowly against the B Bombers with only a 13-12 lead at the first rest stop. Then the pattern was the same as against the Cubs with the winners spurring ahead. R. D. Taylor and Hardin shared high scoring honors for the Wizards with 18 each and Coleman got 10. Vannoy bagged 10 and Chandler and Butturini eight each for the losers.

Chandler Gets 31 Points

The B Bombers got an even break for the week with a 59 to 44 triumph over the Wildcats. After a deadlocked first period, the B Bombers ran up a 26 to 17 halftime lead and had things their own way in the last half. Chandler had a big night for the B Bombers with 31 points and Smith got 11. Helton led the Wildcats with 16.

The Sharpshooters closed their slate in good fashion with a 77 to 31 splattering of the C Hawks. Little lobbed 22 points through the hoops, Cheek 21 and Vannoy had 18 for the victors. Moore got 21 out of his team's total of 31 points.

Cubs Collect Close Win

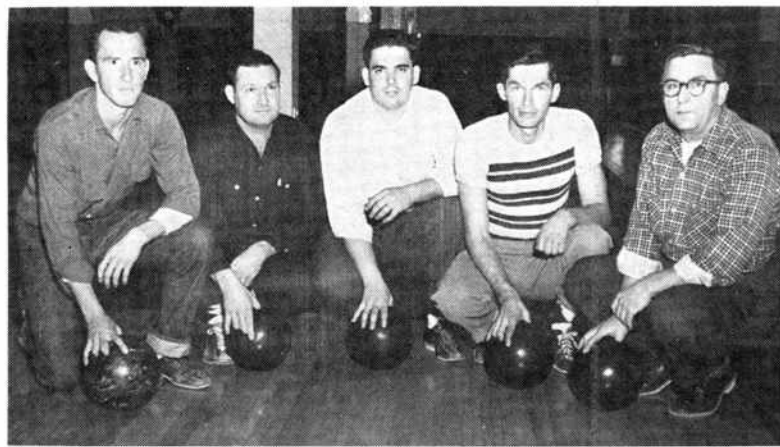
The regular schedule of the sea-

Marksman On Top In Pistol League

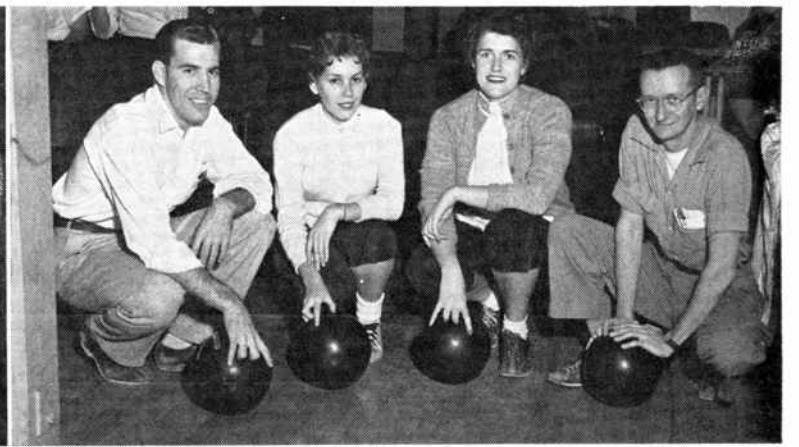
The Marksman dethroned the Sharpshooters as leaders in the Y-12 Pistol League on February 13 and the Masters defeated the Experts in the other match of the night. C. G. Brewster was high gun both scratch and handicap for the Marksman with 253 and 290.346. D. R. Alford led the Masters to their win with scores of 266 and 288.936. The Y-12 team score was 1245 scratch and 1436.-876 handicap.

League standing follows:

Team	W	L
Marksman	17½	8½
Sharpshooters	17	9
Masters	12½	13½
Experts	5	21



SHOWN ABOVE ARE TWO MORE BOWLING TEAMS of the B Shift League and the Mixed League that have been giving good account of themselves this season. At left are the Challengers, of B Shift League, bowlers from left being J. R. Sheehan, A. K. Self, J. B. Pettis, F. R.



Castleberry and E. F. Fleischman. The Oleos, of the Mixed League, are at right, with members being V. Barnes, Helen Gombita, Regina Camp and Byron North. The sport of bowling in Y-12 has been popular and successful with five different leagues enjoying excellent seasons.

Ramblers Take Top In B Shift Circuit

The idle Ramblers took over first place in the B Shift Bowling League last week by gaining four points through forfeit from the defunct Alley Cats. The Bumble Bees and Seven Ups buzzed to a draw and the Challengers took three points from the Crocodiles. Gib Hatmaker, of the Bees, had the best series scores of 523 scratch and 616 handicap. K. D. Thompson, Crocodiles, rolled a 193 scratch game, boosted to 247 with handicap. The Crocodiles had the best team game scores of 709 and 991. The Seven Ups' 2117 scratch series and the Bumble Bees' 2752 handicap series also were tops.

Team	W	L
Ramblers	13	3
Bumble Bees	11	5
Challengers	9	6
Seven Ups	9	7
Crocodiles	6	10

Rippers, Others Going To Memphis

The Rippers team of the Classic League of Y-12 Plant bowlers and several individual plant keglers will make the long trek over to Memphis to take part in the All-Southern Bowling Tournament in the Bluff City Saturday and Sunday, February 23 and 24. On the Ripper roster will be Elmore Koons, Nelson Tibbatts, Jay Holzknecht, Al Groppe and Clyde Smith. Other Y-12ers planning to make the journey are Len Hart, the Y-12 Plant Champion for 1957; Roy Roberts, Frank Zupan and Joe Pryson. They will roll with other Oak Ridge teams in the tournament.

son came to a conclusion as the Cubs conked the C Hawks by 41 to 38 in a close one all the way. That three-point margin was the largest held by the winners at any time during the game. Lawley was the big Cub with 26 points while Moore with 13 and Dail with 12 shared the C Hawk offense.

The Sharpshooters picked up a game on the win side with a forfeit win over the Also Rans.

Final second half of the season standing and quarter scores of games last week follow:

Team	W	L
Wizards	10	34
Wildcats	5	2
B Bombers	5	2
Sharpshooters	4	3
Cubs	3	4
C Hawks	2	5
Also Rans	2	5

Team	W	L
Wizards	10	34
Cubs	13	17
B Bombers	12	18
Wizards	12	31
Wildcats	12	17
B Bombers	12	26
Sharpshooters	14	30
C Hawks	8	16
Cubs	11	19
C Hawks	8	18



AFTER WINNING the top prize in the Y-12 Annual Fishing Contest for 1956 with a world-record sauger pike, J. R. Cooter, Product Processing, got a running start in the 1957 contest in the largemouth bass class by bagging the fine finny item pictured above. The lunger was taken from the Big Emory River.

Y-12 Archery Loop To Meet Tuesday

A large attendance of bow and arrow enthusiasts, experienced or beginners, is urged at a meeting of the Y-12 Archery League to be held at 1 o'clock next Tuesday, February 26, at the Recreation Department office, Room 226, Bldg. 9704-2. W. H. Hatfield, Electrical Maintenance, was elected president of the group at an organizational meeting about three weeks ago and reported last week that considerable interest has been evinced throughout the plant in the sport and that plenty of activity is expected during the spring and summer months.

The sport of archery is growing in popularity throughout the nation, both for hunting and for just target shooting. Both men and women can participate in the sport, and it is expected that definite plans for competition will be made at the meeting next week.

Four Y-12ers Among Leaders On Ladder

Y-12 had four players in the top 10 of the All-Carbine Tennis Ladder play last week as hot competition continued every Monday night at 7 o'clock at the Wildcats Den on the Oak Ridge Turnpike at Robertsville Road. All Union Carbide Nuclear Company employees interested in the sport are invited to come out every week to compete in the ladder play. About 25 players now are showing up every week.

The top 10 players are P. J. Preston, Y-12; W. B. Motley, K-25; Red Brewer, Y-12; Ken Bowers, K-25; Herman Owens, Oak Ridge National Laboratory; John Peters, Y-12; Ben Owens, K-25; Jim Riddle, ORNL; D. K. Holmes, ORNL; and J. Herrington, Y-12.

Playboys Take Four To Open Third Round Of Play In Classic League Of Y-12 Pinmen

The Playboys got away to a rousing start in the third round of play in the Classic League of plant keglers last Thursday night by sweeping four points from the Screwballs. Three point victories were posted by the Swingsters over the All Stars and the Bumpers over the Wolves. Six teams engaged in deadlocks at two points each—they being the Has Beens-Cubs, Tigers-Wasps and Rippers-Rebels.

Despite their tie, the Wasps got most of the team scoring honors with an 830 scratch game and 2425 scratch series and a 2902 handicap series. They were aided in this feat by the individual scoring of Tom Webber, who posted a 222 scratch game, boosted to 252 with handicap, and a 646 handicap series. V. Williams, Bumpers, had the best scratch series of 557.

Because Charley Gillihan, of the Tigers and league secretary, was rushed to Oak Ridge Hospital last Friday to undergo an emergency appendectomy and will be unable to continue his secretarial duties for some time, the job of record keeping will be taken over by Jack McLendon, president of the league.

League standing follows:

Team	W	L
Playboys	4	0
Swingsters	3	1
Bumpers	3	1
Has Beens	2	2
Tigers	2	2
Rippers	2	2
Rebels	2	2
Wasps	2	2
Cubs	2	2
Wolves	1	3
All Stars	1	3
Screwballs	0	4

Murderer's Row, Hornets Deadlock

Murderer's Row and the Hornets battered and stung each other to a two-all deadlock in the C League last week. The Rusty Five kept the Sooners from taking advantage of the situation by turning in a three-point victory and similar wins were posted by the Deltas over the Engineers and the Q Balls over the Cards.

Jim Bartholomew, of the Q Balls, rolled a sizzling 233 scratch game and boosted it to 270 with handicap for tops of the night. Zang, Engineers, with a 547 scratch series; and Moody, Cards, with a 635 handicap series were best in that group. The Engineers turned in the best game scores with 829 scratch and 1021 handicap. Murderer's Row had the high series scores of 2281 scratch and 2282 handicap.

League standing follows:

Team	W	L
Murderer's Row	22	10
Hornets	19	13
Sooners	17	15
Deltas	17	15
Rusty Five	16	16
Q Balls	16	16
Engineers	11	21
Cards	9	23

Gals—beware of a guy with a smooth line—there's no troth in what he says.

Hawks Are Winged But Still Triumph

The high-flying Hawks of the Y-12 Plant Volleyball League finally got shot in one wing last week when the Spliffs pushed the league-leaders to a three-game decision in one of the best matches of the season. The Hawks posted a 15-12 win in the first engagement but the Spliffs came back for a 15-13 victory. In the final tilt the tiring Spliffs allowed the Hawks to skip away with a 15-8 triumph. The Beavers and Hunters both added to their win column by taking forfeits from the Sooners, who were unable to raise a quorum.

League standing follows:

Team	W	L
Hawks	14	1
Hunters	11	4
Spliffs	8	7
Beavers	3	9
Sooners	0	15

Clippers Clout Scrappers For Win

The Clippers added a point to their lead in the Mixed League of Y-12 men and women bowlers last week, repulsing the Scrappers by three points as the Pin Cats and Knockouts battled to a two-all deadlock. The Units strengthened their position with a four-point whitewashing of the Nip and Tucks and the Oleos collected four points through a forfeit.

Joyce Myers, of the Pin Cats, shared individual scoring honors with J. C. Bryan, of the Clippers. Miss Myers had a 231 handicap game and 590 series, good scoring for a feminine bowler. She has a 123 average for the season and a 53 handicap. Bryan posted a 182 scratch game and 479 scratch series. The Knockouts had the best team scratch scores with a 602 game and 1692 series and also the top handicap series of 2323. The Units' 816 handicap game was tops of the night.

League standing follows:

Team	W	L
Clippers	26	2
Pin Cats	19	9
Scrappers	16	12
Knockouts	16	13
Units	14	14
Oleos	12	16
Nip and Tucks	10	18

CHILE GETTING POWER

A new \$15,000,000 loan from the World Bank will be used by Chile to develop electric power, a recent news dispatch from there declared.

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PROUD PRINCE and Princess of the Second Grade of the Oakdale School in recent exercises were Rickey Bingham, son of Allen J. Bingham, Buildings and Grounds, and Karen Sue Reynolds of Oakdale. It was hard to tell which was the proudest, Pop or Prince Bingham.

Safe Y-12 Workers Wear Safety Glasses

Continued from Page 1
that over.

During 1956 there were five lost time accidents — or disabling injuries—involving eye injuries in the Y-12 Plant Area.

Of this number four were attributed to inadequate use of eye protective equipment provided for just such work assignments as the injured men were doing!

One Wore No Protection

In the other the employee was not wearing ANY EYE PROTECTIVE EQUIPMENT AT ALL!

These five disabling eye injuries composed 18.5 per cent of the total of 27 disabling injuries recorded during the entire year.

In addition to these five disabling injuries there were 551 other eye injuries incurred in the Y-12 Plant Area during 1956 that required medical treatment but did not cause loss of time. Those 551 non-disabling injuries were 13 per cent of the 4,859 medically treated injuries that did not prove disabling.

To start out the new year of 1957 there were 34 eye injuries treated in January that involved no loss of time—and one eye injury that resulted in a loss of time.

Remember Facts And Figures

So there you are — Mr. Safe Worker of Y-12—remember the facts that there are many types of eye protective equipment provided to save your eyesight and the figures that show a disturbing percentage of eye injuries in the Y-12 Plant Area. You can protect yourself—and your fellow employee—by seeing that the equipment is properly used.

Remember also—man is gifted with only one pair of eyes—keep them well, as they are the windows of the soul.

**BE SURE IT'S SAFE,
THEN GO AHEAD!** — MAC

Revised Pension Plan To Increase Benefits

Continued from Page 1

have terminated his employment with the Company several years earlier. In order to qualify for this "vested right" an employee must be at least 40 years of age at the time of his termination, and he must have at least 10 years of Company Service. In calculating the pension benefit for which he is eligible, all Company Service accrued after age 30 is counted.

The old Pension Plan did not have a "vested right" provision.

May Retire Before 65

The revised Pension Plan now makes it possible for employees to retire earlier than age 65. An eligible employee who is 60 years of age or more and who has completed 30 or more years of Company Service may retire with a full pension benefit based on his Company Service on the day of his retirement. Early retirement was not possible under the old Pension Plan since a pension benefit was not payable unless an employee was still employed by the Company at age 65.

A new minimum disability benefit is now available to employees who have 15 years Company Service Credit and who become totally and permanently disabled. The new minimum will be the sum of (a) \$2.50 per month per year of Company Service plus (b) an additional \$50 per month until a social security disability benefit is payable under the Social Security Act.

Since all revisions to the Pension Plan must be approved by the stockholders of Union Carbide and Carbon Corporation, the Atomic Energy Commission and the Internal Revenue Service, benefit payments under these revisions will begin in May, 1957, provided the necessary approvals are obtained. They will be effective for all salaried employees and guards who become eligible on or after January 1, 1957.

Booklets explaining the revised Pension Plan are being printed and will be distributed as soon as they are available.

It is equally important to dim lights when approaching a vehicle from the rear as it is from the front.

Union Carbide Research Institute Will Be Completed In 1958 To Provide Study Of Matter Under Ordinary, Extreme Conditions



ARCHITECT'S DRAWING OF UNION CARBIDE RESEARCH Institute building which will be built near Tarrytown, N. Y.

Dr. Kinzel Will Head New York State Project

The formation of the Union Carbide Research Institute to engage in basic scientific research has been announced by Morse G. Dial, President of Union Carbide and Carbon Corporation. It will be located on the Corporation's Westchester property near Tarrytown, N. Y.

The Institute will be under the administration of Dr. Augustus Kinzel, Vice-President—Research of Union Carbide. Dr. E. R. Jette, formerly head of the Chemistry and Metallurgy Division at Los Alamos Scientific Laboratory, New Mexico, has been appointed the Director of the Institute. His assistants are Dr. S. R. Aspinall, formerly with the U. S. Office of Naval Research, and Dr. A. J. Stosick, formerly Division Chief of the Rockets and Material Division of the Jet Propulsion Laboratories at the California Institute of Technology.

A major purpose of the new Research Institute will be to contribute to the store of fundamental knowledge by studying the physical and chemical behavior of matter under ordinary as well as extreme conditions of pressure and temperature. This work at the Institute will complement and extend the basic research now being carried on in the existing research laboratories of Union Carbide and Carbon Corporation.

It is expected that the Institute will be completed by spring of 1958. Plans for the building to house the Institute were prepared by the architectural firm of Skidmore, Owings and Merrill. Its floor plan has been designed to allow for a high degree of flexibility. There will be 40 laboratory modules separated by movable partitions so that these units may be grouped to meet changing space requirements for research projects. In addition, the Institute will have its own scientific library and office space to accommodate the staff. The building will be completely air conditioned.

Psychologist Will Address Analytical Group Of ACS

Dr. H. B. Hurt, psychology consultant for Union Carbide Nuclear Company, will address the Analytical Group of the East Tennessee Section of the American Chemical Society at 8 o'clock next Tuesday night, April 26, at the Robertsville Junior High School cafeteria. His subject will be "Psychology at Oak Ridge." Questions from the audience on psychological and sociological subjects will be answered.

Doctor Hurt was born and raised in Memphis, doing his undergraduate work at Southwestern University.

SPECIAL LUNCHES OFFER TWO FAVORITE DISHES

Two favorite dishes of Y-12ers are to be served on the Y-12 Special Lunches tomorrow, Thursday, February 21; and next Tuesday, February 26. The main dish on the 50-cent Special Lunch at the Y-12 Cafeteria tomorrow will be veal paprika with steamed rice. For next Tuesday the entree will be American chop suey. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.



Upsets Tighten Evening Pin Loop

Three point wins by underdogs King Pins, Sure Shots and Alley Cats over the Hot Shots, Gutter Ballers and loop-leading Do Littles considerably tightened up and scrambled the Evening Shift Bowling League race in the last alley activities of the circuit.

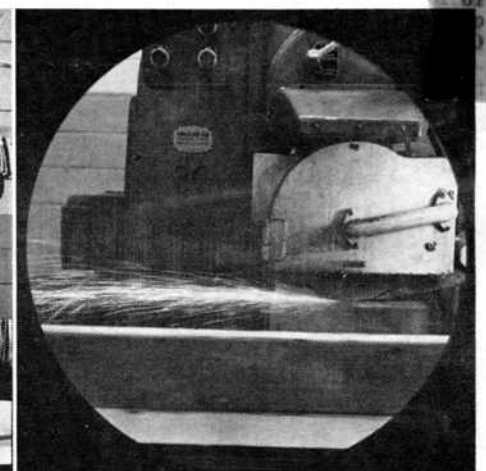
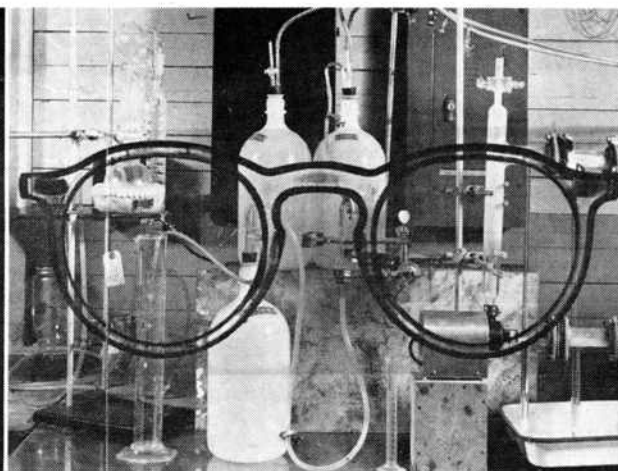
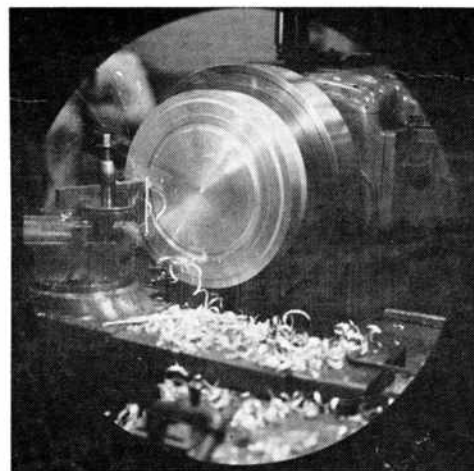
R. Knott, of the King Pins, had a big part in his team's victory by posting a 203 scratch and 238 handicap game, 526 scratch and 631 handicap series. He was tied for top handicap series by Cunningham, of the Alley Cats. In team scoring the King Pins had the best scratch scores of a 741 game and 2195 series. The Hot Shots' 988 handicap game was tops as was the 2828 handicap series of the Sure Shots.

League standing follows:

Team	W	L
Do Littles	10	6
Gutter Ballers	9	7
Sure Shots	8	8
Alley Cats	8	8
King Pins	7	9
Hot Shots	6	10

PENNIES FROM CASES

Those "white" pennies issued during World War II were made largely from shell cases with only a small amount of virgin copper added to bring the alloy up to legal standards.



HERE ARE THREE OTHER VIEWS OF shop and laboratory equipment that require use of safety glasses or other eye protection by employees when at work. The left picture shows a closeup view of the razor sharp trimmings of aluminum from a lathe that could cause serious eye injury if they struck an unprotected eye. The chemical equipment in the center

also provides hazards for eyes unprotected by safety glasses or other eye protection. The sparks and tiny particles of metal from the disc grinder at right in which a carborundum wheel evens up the surface of a softer metal also could cause serious eye injury if the machine operator is careless enough to be working without proper safety equipment.